



Department of Environmental Protection
Montgomery County, Maryland

DIVISION OF SOLID WASTE SERVICES

QUARTERLY REPORT

OCTOBER, NOVEMBER, AND DECEMBER 2011
(2nd Quarter of FY12)



Picking Christmas trees out of compostable materials. This separation allows the trees to be ground into mulch, and the other yard debris to be composted for higher value.



Printed on Recycled and Recyclable Paper

TABLE OF CONTENTS

<u>OVERVIEW</u>	3
<u>CITIZEN COMMITTEES</u>	5
<u>COLLECTIONS</u>	5
<u>WASTE MINIMIZATION</u>	9
<u>HAZARDOUS WASTE PROGRAMS</u>	10
<u>WASTE REDUCTION</u>	11
<u>AIR PERMITS AND ENVIRONMENTAL PROGRAMS</u>	11
<u>RECYCLING</u>	11
<u>PILOT PROGRAMS</u>	14
<u>FACILITY ACTIVITIES</u>	14
<u>OUT-OF-COUNTY HAUL</u>	17
<u>GENERAL INFORMATION</u>	18
<u>SOLID WASTE FACTS IN A NUTSHELL</u>	19
<u>GLOSSARY OF ACRONYMS</u>	20

OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the months of October, November, and December including the fiscal year to date (FY YTD), and the same calendar month in the two prior fiscal years. (County Fiscal Year 2011 began July 1, 2011.)

FACILITY	Oct FY12	FY12 YTD	Oct FY11	Oct FY10
Materials Recovery Facility ⁽¹⁾	6,032 tons	24,911 tons	6,417 tons	6,627 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	0 ton	0 ton	17,626 tons
Resource Recovery Facility ⁽³⁾	45,098 tons	189,057 tons	48,269 tons	47,825 tons
Yard Trim Compost Facility	4,634 tons	16,050 tons	4,289 tons	4,266 tons
Honeygo Run Reclamation ⁽⁴⁾	2,616 tons	12,796 tons	4,809 tons	3,423 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	12,066 tons	55,055 tons	14,352 tons	0 ton

FACILITY	Nov FY12	FY12 YTD	Nov FY11	Nov FY10
Materials Recovery Facility ⁽¹⁾	6,758 tons	31,669 tons	6,756 tons	6,435 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	0 ton	0 ton	12,789 tons
Resource Recovery Facility ⁽³⁾	46,089 tons	235,146 tons	49,626 tons	41,933 tons
Yard Trim Compost Facility	17,968 tons	34,018 tons	17,539 tons	22,636 tons
Honeygo Run Reclamation ⁽⁴⁾	1,847 tons	14,643 tons	2,141 tons	1,255 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	13,973 tons	69,028 tons	14,184 tons	0 ton

⁽¹⁾ MRF tons reported as outgoing.

⁽²⁾ Refers to waste sent to the landfill for disposal (ash residue and nonprocessable waste). It does not include rubble and bulk natural wood waste that is recycled.

⁽³⁾ RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

⁽⁴⁾ Non-processible waste sent to be sorted for recycling and landfilled.

⁽⁵⁾ Ash sent to Old Dominion Landfill for internal roads within working landfill cells and alternate daily cover.

FACILITY	DEC FY12	FY12 YTD	Dec FY11	Dec FY10
Materials Recovery Facility ⁽¹⁾	7,383 tons	39,052 tons	7,679 tons	7,853 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	0 ton	0 ton	12,367 tons
Resource Recovery Facility ⁽³⁾	40,739 tons	275,885 tons	43,136 tons	39,256 tons
Yard Trim Compost Facility	19,241 tons	53,259 tons	13,122 tons	21,165 tons
Honeygo Run Reclamation ⁽⁴⁾	1,352 tons	15,995 tons	1,237 tons	422 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	11,444 tons	80,472 tons	12,981 tons	0 ton

(1) MRF tons reported as outgoing.

(2) Refers to waste sent to the landfill for disposal (ash residue and nonprocessible waste). It does not include rubble and bulk natural wood waste that is recycled.

(3) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

(4) Non-processible waste sent to be sorted for recycling and landfilled.

(5) Ash sent to Old Dominion Landfill for internal roads within landfill cells and alternate daily cover.

Revenue Analysis and Systems Evaluation

During October, November and December program staff:

- Researched properties and entered billing changes into the database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in October, November and December;
- Updated Access™ databases and Excel™ spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for October, November and December 2011 totaling \$3,484,825.04 (a decrease of \$230,315.84 below the same quarter in 2010);
- Updated the Aging Report (30-day average arrearage was less than \$30,000 per month for the quarter);
- Reconciled October, November and December 2011 tons to monies posted in ERP, as well as to the total dollars charged in Paradigm;
- Worked on FY11 year end closing and reconciled expenditures; and
- Compiled data and submitted the FY13 Solid Waste Operating and CIP budget to OMB.

CITIZEN COMMITTEES

Dickerson Area Facilities Implementation Group (DAFIG) – DAFIG met on Tuesday, December 13, 2011. Topics discussed included the following: Operation of Traffic Light at Martinsburg Road and Rt. 28, Complaint Report, Draft Notification Protocol, SWAC and Facilities Update. The next quarterly DAFIG meeting will be held on Tuesday, March 20, 2012.

Solid Waste Advisory Committee (SWAC) –

October 2011 - SWAC held its regularly scheduled meeting on Tuesday, October 4, 2011 in the EOB lobby-level conference room. Nine SWAC and five County staff members were in attendance. Gabie Monzon-Reynolds presented the members of SWAC with an overview of the current processes and activities of the Business Recycling and Waste Reduction Program, in the Waste Reduction and Recycling Section of the Division of Solid Waste Services.

November 2011 - SWAC held its regularly scheduled meeting on Tuesday, November 1, 2011 in the EOB lobby-level conference room. Ten SWAC and four County staff members were in attendance. Hillary Kirchman and Sean Gallagher of Montgomery County Public Schools presented the members of SWAC with an update on MCPS SERT Program recycling initiatives.

December 2011 - There was no SWAC meeting held in the month of December.

COLLECTIONS

Resident Missed Collection Complaints: These are calls from residents contacting 311 one or two days after their collection day informing us that their solid waste was not picked-up.

October 2011	48
October 2010	46
Difference	+2

November 2011	34
November 2010	41
Difference	-7

December 2011	43
December 2010	32
Difference	+11

Resident Service Requests:

October

Bulk trash requests	1,940
Scrap metal requests	1,570
Blue bin requests	1,080
Blue cart requests	196
Blue cart repair	99
Literature requests	142
Unacceptable for Collection (tagged)	426
Field checks	171
Same days	100

November

Bulk trash requests	1,969
Scrap metal requests	1,496
Blue bin requests	1,130
Blue cart requests	171
Blue cart repair	98
Literature requests	141
Unacceptable for Collection (tagged)	423
Field checks	161
Same days	98

December

Bulk trash requests	1,792
Scrap metal requests	1,284
Blue bin requests	1,218
Blue cart requests	207
Blue cart repair	100
Literature requests	91
Unacceptable for Collection (tagged)	562
Field checks	160
Same days	107

Survey Cards:

The Public Service Workers distributed 756 survey cards in **October** and received 8.7% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	80%	20%	0%	0%	0%
County Staff	81%	16%	3%	0%	0%
Recycling Crews	74%	24%	0%	2%	0%

The Public Service Workers distributed 916 survey cards in **November** and received 6.1% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	80%	18%	2%	0%	0%
County Staff	82%	16%	2%	0%	0%
Recycling Crews	67%	27%	6%	0%	0%

The Public Service Workers distributed 803 survey cards in **December** and received 3.4% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	83%	17%	0%	0%	0%
County Staff	71%	24%	5%	0%	0%
Recycling Crews	68%	20%	7%	0%	5%

Collections mailed out 161 survey cards in **October** and received 9.3% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	80%	20%	0%	0%	0%
County Staff	85%	8%	7%	0%	0%
Recycling Crews	67%	33%	0%	0%	0%

Collections mailed out 125 survey cards in **November** and received 10.4% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	85%	15%	0%	0%	0%
County Staff	77%	23%	0%	0%	0%
Recycling Crews	69%	31%	0%	0%	0%

Collections mailed out 79 survey cards in **December** and received 15.2% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	100%	0%	0%	0%	0%
County Staff	60%	30%	10%	0%	0%
Recycling Crews	60%	40%	0%	0%	0%

Collection Section Enforcement Actions:

October:

- Citations: No citations were issued in the month of October.
- Notices of Violation:
 - 48-11 Deposited solid waste upon a public right of way.
 - 48-23 Left vehicle running and unattended.

November:

- Citations: No citations were issued in the month of November.
- Notices of Violation: No NOVs were issued in the month of November.

December:

- Citations: No citations were issued in the month of December.
- Notices of Violation: Four (4) NOVs were issued in the month of December.
 - 48-24(b) allowed solid waste to accumulate on the county right of way.

Website:

Solid Waste Services Website

Metric	October 2011	November 2011	December 2011
Unique Visitors	54,006	52,951	64,882
Page Loads	131,672	131,838	143,781

Email List Memberships

Topic	Subscribers (new this month)		
	October 2011	November 2011	December 2011
Holiday Reminder	16,829 (271)	16,995 (161)	17,244 (249)
HHW Announcements	5,617 (132)	5,722 (111)	5,849 (134)
Newsletter Helper	3,205 (46)	3,245 (53)	3,302 (50)
Facility Updates	3,107 (86)	3,179 (79)	3,271 (92)
Electronics recycling	3,783 (137)	3,903 (120)	4,041 (138)
Go Green	1,831 (64)	1,890 (59)	1,946 (56)
Civic Loop	616 (30)	644 (28)	672 (28)
SORRT Newsletter	1,267 (13)	1,290 (23)	1,371 (81)
TRRAC	438 (24)	464 (26)	483 (19)
Monthly Report	675 (40)	716 (41)	760 (44)
Total Subscriptions	37,368 (843)	38,048 (701)	38,939 (891)

Most Popular Web Pages

October 2011	November 2011	December 2011
1. Transfer Station	Transfer Station	Holidays
2. How do I...	How do I...	Transfer Station
3. Holidays	Holidays	How do I...
4. Bulk trash	Bulk trash	Bulk trash
5. Latex paint	Fluorescent bulbs and tubes	Collection day lookup
6. Collection day lookup	Latex paint	Fluorescent bulbs and tubes
7. Fluorescent bulbs and tubes	Collection day lookup	Latex paint
8. Scrap metal recycling	America Recycles Day	Scrap metal recycling
9. Household hazardous waste	Scrap metal recycling	Household hazardous waste
10. America Recycles Day	Household hazardous waste	Recycling Center

WASTE MINIMIZATION

Product Recycled	Oct 2011	FY12 YTD	Oct FY11	Oct FY10
TVs and PCs	137 tons	620 tons	156 tons	153 tons
Propane Tanks	0 ton	8 tons	3 tons	2 tons
Textiles	10 tons	34 tons	9 tons	0 ton
Construction Materials (Don't Dump – Donate)	2 tons	7 tons	2 tons	4 tons
Vehicle Batteries	14 tons	62 tons	17 tons	17 tons
Rechargeable Batteries	2 ton	3 ton	2 tons	0 ton

Product Recycled	Nov 2011	FY12 YTD	Nov FY11	Nov FY10
TVs and PCs	137 tons	757 tons	153 tons	134 tons
Propane Tanks	2 tons	10 tons	0 ton	2 tons
Textiles	0 ton	34 tons	12 tons	11 tons
Construction Materials (Don't Dump – Donate)	2 tons	9 tons	3 tons	3 tons
Vehicle Batteries	13 tons	75 tons	14 tons	17 tons
Rechargeable Batteries	0 ton	3 tons	1 ton	0 ton

Product Recycled	Dec FY12	FY12 YTD	Dec FY11	Dec FY10
TVs and PCs	128 tons	885 tons	175 tons	135 tons
Propane Tanks	2 tons	12 tons	0 ton	1 ton
Textiles	17 tons	51 tons	7 tons	11 tons
Construction Materials (Don't Dump – Donate)	0 ton	9 tons	2 tons	5 tons
Vehicle Batteries	14 tons	89 tons	16 tons	14 tons
Rechargeable Batteries	0 ton	3 tons	1 ton	0 ton

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste (HHW) Collection – There were a total of 19,589 patrons to the program in the second quarter (October, November, and December). During normal business hours we had 18,250 patrons; after 5:00 p.m., we had 1,339 patrons. The HHW web site page had 3,636 unique page views in this quarter.

Small Quantity Generator/ECOWISE Program – There were 37 ECOWISE participants in the second quarter of 2012.

WASTE REDUCTION

Bicycle Recycling – “Bikes for the World” removed 7 tons of bikes this quarter for restoration and shipment to countries worldwide.

Paint Reduction – The free paint program gave away 1,685 gallons; there were also 14,935 gallons of paint donated to Honduras; and we solidified 111 cubic yards of paint all in the second quarter.

NEW ‘GOGREEN’ Website – The new *Go Green* website, (www.montgomerycountymd.gov/GOGREEN) will be a one stop site for a wide range of environmental programs and information for residents and businesses. In the second quarter, the site had 83 unique page views.

Straight Vegetable Oil (SVO) Recycling – The Transfer Station has a vendor that accepts Waste Vegetable Oil (WVO) for the sole purpose of bio-diesel production; in the second quarter 7 tons of SVO were shipped out for processing into biodiesel (<http://www.montgomerycountymd.gov/veggieoil>).

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions – There were no emission excursions during the second quarter.

TES Contract (Weather Station) – All of the instrumentation worked normally this quarter. Data recovery for all parameters was 100 percent. Precipitation for the month of October was 5.67 inches; November was 1.76 and December was 4.90 inches.

WASTE REDUCTION AND RECYCLING

Public Education and Outreach – DSWS staff and Recycling Program Volunteers participated in 91 education and outreach events and activities during the months of October, November and December 2011, reaching an estimated audience of 7,493 people. DSWS hosted two paper shredding/recycling and reusable clothing and household goods donation collection events during the weekend of November 19-20, 2011 to celebrate America Recycles Day. During the two events, 1,084 cars were served and a total of 40,120 pounds of paper were collected for shredding and recycling. In addition, 1,410 pounds of cardboard were collected and recycled as well. Residents donated clothing and other household items to fill a total of five donation trucks. The winter issue of the Civic Loop newsletter was emailed to 646 email addresses on the Civic Loop Newsletter listserv and highlighted waste reduction tips for the holiday season. DSWS started the food waste

recycling demonstration project in the Executive Office Building's cafeteria on October 31, 2011. This project will be used as a model to assist businesses and organizations that generate food waste to develop their own programs to maximize recycling achievement by recycling food waste. DSWS met with cafeteria management and staff to discuss the project and conducted a hands-on training session on the food waste recycling program, including discussing the types of food waste materials acceptable for recycling, the appropriate containers to use, handling of materials, and collection procedures. DSWS also met with the collection contractor to discuss details of the program, determine size, quantities and placement of containers, weight data required, collection frequency as well as facility to which food waste is being delivered. In addition, DSWS developed educational posters and labels for the food waste recycling containers intended to provide constant reminders about the types of materials acceptable for collection. DSWS has been monitoring the project daily and will continue to check the food waste recycling containers for contamination, address any questions or concerns with the cafeteria staff and ensure that the food waste recycling storage containers are collected by the food waste recycling collection company as scheduled. For the first two months of the demonstration project, a total of 5,978 pounds or 2.99 tons of food waste was collected for recycling. Staff is currently in the process of finalizing several public outreach and education task orders for projects that will be completed during the second half of the fiscal year.

On-Site Composting and Waste Reduction Activities – A total of 514 compost bins were distributed between October 1, 2011 and December 31, 2011 to encourage residents to compost their leaves and grass clippings on-site. Staff conducted one composting workshop and provided composting education to 45 residents. Staff continued to work with the 17 compost bin pick-up locations to ensure they had an adequate supply of composting bins in stock. One of the compost bin pick-up locations in Silver Spring closed in November. Staff is currently working on identifying an alternative pick-up location for residents in the Silver Spring area.

Recycling Investigations Unit – Since the unit was established, 40,757 site visits and 3,878 formal investigations have been conducted. For the period from October 1, 2011 through December 31, 2011, 70 NOVs were issued to businesses and multi-family properties for infringements against the recycling regulations and Chapter 48. Seven (7) citations were issued to businesses and multi-family properties during this same period. Two (2) citations were issued to multi-family properties: one (1) citation to a property for failing to provide containers for recyclable materials and the other citation was issued to a property for failing to maintain the premises by permitting solid waste to be stored outside storage containers. Five (5) citations were issued to businesses: three (3) citations to businesses for failing to recycle the required materials; one (1) citation to a business for failing to provide and maintain an approved container for the storage of solid waste; and one (1) citation to a collector for early morning collections.

Commercial Recycling and Waste Reduction – The SORRT Program conducted 1,685 site visits to businesses between October 1, 2011 and December 31, 2011. During this same period, staff resolved six complaints, participated in 27 educational events reaching 1,389 people, distributed 1,306 desk-side recycling bins to businesses to help set-up and/or improve existing recycling programs, and responded to 131 requests for information ranging from educational materials to presentations for property managers, tenants, and employees. The SORRT team has completed the initial on-site evaluation of the recycling infrastructure at each Montgomery County Public School (MCPS) for the 2011-12 school year. Staff completed the recycling evaluations for all 203 MCPS facilities in mid-December and all schools passed the recycling evaluation with a grade of C- or higher. Informational notices regarding filing the Annual Business Recycling and Waste Reduction Report for calendar year 2011 were e-mailed and/or mailed to 730 businesses including 149 County facilities. Businesses are being reminded and encouraged to file their annual recycling reports online. On November 30, the SORRT program conducted its first webinar with information regarding on-line filing. A total of 23 people logged on to view the webinar. Three more webinars are scheduled for January and February, 2012. The winter issue of the SORRT Network Newsletter which highlighted on-line filing tips and waste reduction ideas for the holidays was emailed on December 13, 2011 to 1,380 SORRT Network Newsletter subscribers.

Multi-Family Recycling and Waste Reduction – Between October 1, 2011 and December 31, 2011, the TRRAC Program conducted 723 on-site visits to multi-family properties to monitor the status and progress of their recycling programs and to recommend program improvements. Staff participated in 38 multi-family property educational events, reaching 1,575 people. These events included America Recycles Day activities, community recycling displays, and numerous resident recycling presentations, staff trainings, and lobby events. Staff also responded to 133 requests for information, resolved 11 resident concerns, and distributed 2,762 multi-family recycling bins. The December edition of the TRRAC newsletter for multi-family property representatives was emailed to 1,213 multi-family property representatives and included a status update on multi-family property recycling achievement, recycling information for the holiday season, recycling tips to share with residents, and waste reduction best practices shared by a Montgomery County multi-family property. Informational notices regarding the February 1, 2012 deadline for submitting the calendar year 2011 Multi-family Annual Recycling and Waste Reduction Reports were distributed to property representatives for 645 properties. A total of 959 notification emails were sent to properties while only 13 letters were mailed. Property representatives were reminded and encouraged to file their annual reports online to reduce paper usage and save postage costs.

Mixed Paper Recycling – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution.

Volunteer Activities – Fifty-one volunteers, some of them participating in multiple events, contributed 419 hours of their time to support recycling activities from October 1, 2011 through December 31, 2011. Three volunteers provided over 255 hours of office assistance which included filing, computer data entry, counting and bundling educational materials for events, and labeling files. Forty-two volunteers participated in ten community outreach events, including the Montgomery County Home and Remodeling Expo, Potomac Day, Oktoberfest at the Kentlands, Silver Spring Thanksgiving Parade and the electronics recycling collection event and America Recycles Day events sponsored by DSWs, directly interacting with 3,707 residents. One recycling volunteer block captain contributed one hour of their time providing recycling information to two of their neighbors in Rockville. During this quarter, the Recycling Volunteer Program recruited 12 prospective volunteers and 11 new volunteers. In December, the winter issue of the Recycler was emailed to 171 email addresses on the Recycling Volunteer Program listserv.

PILOT PROGRAMS

Cooperative Collection/Alternative Collection –The SORRT Program continues to monitor all three Cooperative Collection Projects in Silver Spring to ensure that the participants are recycling properly.

FACILITY ACTIVITIES

Resource Recovery Facility (RRF) – The RRF processed a total of 131,926 tons for the quarter, or 1,456 tons per day. During this time 25 tours of the plant were given. The plant exported 69,469,600 kilowatt-hours to the power grid. About 2,424 tons of ferrous material was recovered from the ash and recycled. During the period, Units #1 & #2 underwent their scheduled fall outages. During Unit #1 outage inconel was installed over 800 square feet of tubing to inhibit tube wear and prevent leaks. The last superheater section was replaced as a proactive measure to prevent leaks due to wear. Special attention was also given to the reverse air duct for the baghouse to address air leakage. On October 22, the plant disconnect from the power grid to allow PEPCO to perform inspection and testing of relays. On October 23, the plant went offline (no turbine or boilers operating) to allow maintenance on the balance of plant systems. On October 26 the plant was generating power again. During Unit #2 outage the east superheater hoppers were replaced with upgraded material, and special attention was also given to the reverse air duct for the baghouse to address air leakage. Some non-scheduled repairs during the period included repairing a vibration on an induced draft fan, fixing a leak in the firebox, fixing a leak on an economizer inlet tube, plugging a tube leak in the main condenser, and fixing a water seal on the turbine driven boiler feed water pump while the B electric boiler feed water pump was being rebuilt.

Materials Recovery Facility (MRF) – The cyclone and air classifier was replaced due to wear and tear. A new 40 CY roll off box was delivered. The construction begun on the duct system to return uncaptured recyclable material to the tipping floor. Met with representatives of the National Association of PET Container Resources, and the American Plastics Industries, to discuss PET thermoform recycling. A trial run of sorting PET thermoform material was begun. A tour of the plant was provided to the staff of the Solid Waste Association of North America.

Oaks Landfill – The 2.4 Megawatt landfill gas-to-energy plant continues to operate. DEP in conjunction with the County Soil Conservation District and DSWS completed a late fall tree planting event on November 4, 2011 to continue the reforestation effort of the buffer area of the Landfill. This is the second tree planting event at the Landfill.

DSWS prepared a Nature and Extent Investigation Work Plan to further assess low level groundwater contamination along the northwestern boundary of the Landfill at the request of the Maryland Department of the Environment (MDE). DSWS is also preparing an updated Environmental Monitoring Plan (EMP) for the Landfill that includes the groundwater and landfill gas monitoring programs at the request of the MDE.

Gude Landfill – The 0.8 Megawatt landfill gas-to-energy plant continues to operate. In conjunction with NEA, DSWS and EA Engineering, the Nature and Extent Study (NES) Amendment No.1 Report was completed and submitted to MDE in November.

Regarding the Land Exchange with M-NCPPC, approval from the Montgomery County M-NCPPC Planning Board was obtained in October and the Inter-County M-NCPPC Planning Board was obtained in November. DSWS is working with NEA and EA Engineering to finalize a scope of work for a metes and bounds survey of the three (3) land parcels involved in the land exchange.

Meetings with the community and DSWS regarding the Gude Landfill Remediation continue on a monthly basis.

Solid Waste Transfer Station – Covanta shipped 136,453 tons of processible waste via rail from the Transfer Station for the second quarter of 2012 compared to 140,151 for the same period last year.

The inbound radiation detectors had 34 total valid alarms in the second quarter. Five alarms involved a driver or passenger who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation; and 29 alarms by vehicles that were identified as containing low levels of medical isotopes with short half-lives in trash.

The Public Unloading Facility radiation detectors had 9 alarms. All alarms involved drivers or passengers who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation.

Transfer Station Enforcement – Under Chapter 48 of the Montgomery County Code, a total of 139 enforcements actions were issued during the reporting period. The enforcement composition breakdown includes:

Code Section	Description	Verbal	NOV	Citation	TOTAL
48-05	<i>Permit required to collect or dispose of solid waste</i>	2	4	2	8
48-05(3)(d)	<i>Delivery of solid waste acceptable for recycling</i>	32	9	18	59
48-10	<i>Deposit at other than an approved place – Prohibited</i>	0	0	0	0
48-11	<i>Illegal dumping, dumping in another's container, dumping solid waste on a public right-of-way</i>	0	0	0	0
48-18(a)	<i>Unlicensed Company/Tags</i>	3	6	2	11
48-19(a)(1)	<i>Unlicensed Collection Company / Transporting solid waste without a valid collectors /haulers tag</i>	5	9	25	39
48-19(a)(3)	<i>Licensing of collectors and haulers - A person must not engage in the business of collecting or transporting solid waste in the County without first obtaining a license from the Director.</i>	0	0	0	0
48-20(a)	<i>Un-permitted Vehicle of a Licensed Company</i>	0	0	0	0
48-20(b)	<i>Transporting solid waste without a canvas or tarp covering the load tightly</i>	5	14	3	22
48-20(d)	<i>Find a vehicle to be in a unsafe physical, mechanical or sanitary condition</i>	0	0	0	0
	TOTALS	47	42	50	139
					139

Site 2 Landfill Properties – Received permits from the Army Corp of Engineers and MDE to proceed with work for Site 2 ponds. The County is now awaiting pricing to perform the work. During the quarter the County Department of General Services removed the asbestos shingling from the Chiswell barn structures. The County met with an engineering firm to get pricing for designing needed repairs to the barn now that the shingles are out of the way.

Yard Trim Compost Facility – The facility received 41,843 tons of material for composting this quarter; this compares with 34,950 tons of materials received during the same period last year. No material was diverted to back-up composting facilities this quarter. There were 15,034 cubic yards of bulk LeafGro™ shipped this quarter; compared with 17,738 cubic yards for the same period last year. There were 4,345 cubic yards of Linden Farm Humus sold this quarter; this compares with 3,727 cubic yards for the same period last year.

In this quarter, 7,500 bags of Compro™ bags were shipped to distributors. This compares with 6,259 bags during the same period last year.

Bagging Operation – 71,700 bags of LeafGro™ were shipped to distributors this quarter. This compares with 54,700 bags shipped during the same period last year. (Each bag is 1.5 cubic feet weighing 45 lbs.)

OUT-OF-COUNTY HAUL

Old Dominion, Richmond, VA – In the second quarter of FY12, approximately 37,484 tons of ash residue were transported to the Old Dominion Landfill for ash recycling and metal recovery. The Ash is screened into two grades for use as road base and alternate daily cover within the confines of the landfill owned by Republic Services. Metals are also removed from the ash both at the RRF and during the screening process at Old Dominion Landfill.

Perry Hall Maryland – Approximately 5,815 tons of asphalt, soil, concrete, and brick and block and other non-processibles were sent to the Honeygo Run Recycling site in Perry Hall, Maryland, for construction and demolition recycling for the second quarter of FY12.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	311 or 240-777-0311
Customer Service	311 or 240-777-0311
Transfer Station	240-777-6560 (County Office) 301-916-3031 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	240-777-6591 (County Office) 301-417-1433 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWs	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling www.montgomerycountymd.gov/hazardouswaste www.montgomerycountymd.gov/useitagain www.montgomerycountymd.gov/yardtrim www.montgomerycountymd.gov/veggieoil www.montgomerycountymd.gov/GOGREEN

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County	496,954 (FY11)
Latest Recycling Rate Reported in Montgomery County	44.4% (FY11)
Recycling Goal	50% by December 2010
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Yard Trim Compost Facility	<p>Under the Sugarloaf Settlement Agreement, operations are limited to the receipt of 77,000 tons per fiscal year.</p> <p>In FY11, 65,392.80 tons of yard trim were received at the Dickerson Facility.</p>
# Residences receiving trash collection by County contractors	91,081
# Residences receiving collection of recyclables in blue bins and yard trim collection	211,492
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started October 20, 1997.)

GLOSSARY OF ACRONYMS

BTU	British Thermal Unit
CEMS	Continuous Emissions Monitoring System
DAFIG	Dickerson Area Facilities Implementation Group
DEP	Department of Environmental Protection
DGS	Department of General Services
DSWS	Division of Solid Waste Services
ERP	Enterprise Resource Planning
FY	Fiscal Year
GLCC	Gude Landfill Concerned Citizens
HHW	Household Hazardous Waste
kWh	Kilowatt-hours
MCPS	Montgomery County Public Schools
MDE	Maryland Department of the Environment
MES	Maryland Environmental Services
M-NCPPC	Maryland-National Capital Park and Planning Commission
MRF	Materials Recovery Facility
MWh	Mega Watt hours
NOV	Notice of Violation
RRF	Resource Recovery Facility
SERT	School Energy and Recycling Team
SCFM	Standard cubic feet per minute
SORRT	Smart Organizations Reduce and Recycle Tons
SWAC	Solid Waste Advisory Committee
SVO	Straight Vegetable Oil
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
USGA	United States Golf Association
WVO	Waste Vegetable Oil
YTD	Year-To-Date